

INDEX

AUTHORS

- Abramson M, 156
 Abbs JH, Suppl 100:15
 Adam JS, 656
 Alatorre G, 220
 Anderson DJ, Suppl 100:9
 Anderson R, 501
 Arab M, 363
 Arauz JC, 593
 Atkins JP, Jr, 584
 Bailey BJ, Suppl 100:21
 Baker BM, 277
 Baker CD, 277
 Baker SR, 395
 Baloh RW, 493
 Bardawil WA, 571
 Barrett KA, 82
 Bartal A, 261
 Batsakis JC, 342, 465, 541
 Beach TP, 403
 Bean SF, 142
 Berci G, 558
 Berlin CI, Suppl 100:15
 Berliner KI, Suppl 91:11, 55, 59, 90
 Berlinger FG, 363
 Bhatnagar KP, Suppl 89
 Biller HF, 246, 448
 Birck HG, 403, 656
 Birns JW, 417, 622
 Black FO, Suppl 100:17
 Blalock PD, 372
 Blanks RHI, 185
 Blitzer A, 156
 Blom ED, 576
 Bluestone CD, 179, Suppl 100:10
 Bordley JW, Suppl 100:10
 Bosma MM, 285
 Breipohl W, Suppl 89
 Bretlau P, 131
 Briggs BR, Suppl 93, part I
 Brimacombe JA, Suppl 91:27
 Brinn JE, 82
 Brook I, 41
 Brookes GB, 299
 Brookhouser PE, Suppl 100:19
 Bumsted RM, 115
 Burnett PA, 169
 Bustamante-Balcárcel A, 166
 Callier J, 175
 Canalis RF, 27, 160
 Cangir A, 431
 Cantekin EI, 179, 256
 Carlborg B, 209
 Carlsson B, 76
 Carniol PJ, 152
 Catanzaro A, 70
 Chambers H, 633
 Cherry JD, 612
 Chinnici JC, 659
 Chung CT, 94
 Clemis JD, 304
 Cleveland PH, 70
 Clopton BM, 285, Suppl 98
 Cohen SR, 417, 622
 Collard ME, 330
 Conway W, 595
 Cooper B, 310
 Corral-Romero MA, 166
 Cortese DA, 652
 Costa F, 323
 Crary WC, Suppl 91:55, 59
 Cummings CW, 94, 370, 437, 670, Suppl 100:7
 Curthoys IS, 185
 Dabelsteen E, 131
 Daniel HJ, III, 82
 Danley MJ, Suppl 91:21
 Daroff RB, 316
 Davis KR, 543, 666
 Davis LE, 90
 Dayal VS, Suppl 95
 Dedo HH, 425
 Dee A, Suppl 97:62
 Degreer F, 175
 Dell'Osso LF, 316
 DeLozier HL, 336
 DeMaria TF, Suppl 93, part II
 Denny JC, 584
 Dent LJ, Suppl 91:41
 Densert B, 209
 Densert O, 209
 De Proost W, 175
 DeRemee RA, 588
 Deviri E, 261
 Diamond SG, 225
 Dichtel WJ, 431
 Dobben GD, 506
 Dobie RA, Suppl 100:15
 Doslak MJ, 316
 Dowart R, 501
 Doyle KJ, Suppl 91:100
 Doyle WJ, 150, 179, 256
 Duckert LG, 33
 Dudley JP, 612
 Duncan RB, 200, 281
 Eavey R, 230
 Edens ET, 602
 Edgerton BJ, Suppl 91:35, 100, 104, 117
 Eisenberg LS, Suppl 91:27, 47, 62, 67
 Eisner L, 612
 Eliachar I, 261
 Elkins E, Suppl 100:17
 Emery PJ, 234
 Epstein MF, 485
 Ervin TJ, 461
 Escajadillo JR, 220
 Eurenus S, 615
 Eylan E, 163
 Falk SA, 526
 Farr GH, 392
 Fearon B, 610
 Fee WE, Jr, Suppl 100:17
 Fenton E, 119
 Fermin CD, 44
 Feudo P, Jr, 485
 Fisch U, 25, 474
 Flores TC, 579
 Fonseca R, 593
 Frank JE, 403
 Fredrickson JM, Suppl 100:15
 Fretz RJ, Suppl 91:21
 Fried MP, 152, 485
 Friedman EM, 41
 Friedman M, 363
 Frye-Osier HA, 272
 Fryksmark U, 268
 Fujita S, 595
 Fulghum RS, 82
 Furuya N, 225
 Gacek RR, 469, Suppl 100:15
 Gallia LJ, 450
 Gantz BJ, 25
 Garvin JP, 403
 Gates GA, 454, Suppl 100:7, 19, 23
 Gayler BW, Suppl 99
 Geller KA, 417, 622
 Gerson CR, 413
 Ghanma MA, 567
 Giebink GS, 20
 Goepfert H, 431
 Goldsher M, 261
 Goldstein R, 272
 Goode RL, 526
 Goodhill V, 351
 Grundfast KM, 564
 Guice C, 606
 Gussen R, 27
 Gutterman JU, 431
 Hamaker RC, 576
 Hamaya M, 101
 Hamilton LH, 106
 Handler SD, 628
 Harford ER, 20
 Hasegawa M, 112
 Hartman MT, 70
 Hawkins JE, Jr, Suppl 97:3, Suppl 100:11
 Healy M, 310

- Healy GB, 230, 384
 Hearne EM III, 454
 Heaton SL, 292
 Heimlich HJ, 643
 Heller KA, 20
 Helmerich LF, Suppl 91:35
 Hicks G, 480
 Hicks JN, 389
 Hirano K, 101
 Hirsch JE, 272
 Hitzelberger WE, Suppl 91:117
 Holinger LD, 407
 Honrubia V, 493
 House HP, Suppl 100:10
 House WF, Suppl 91:11, 15, 47, 67, 74, 100, 104, 117
 Huang C-C, 156
 Hubbard DG, 193
 Huck GF, Jr, 659
 Hürzeler D, 57
 Igarashi M, 44, Suppl 100:17
 Jackler RK, 425
 Jackson RT, 216
 Jafek BW, 136, Suppl 100:7
 Jares A, Suppl 95
 Jenkins HA, 25, 493
 Johns ME, Suppl 100:9
 Johnson JT, 94, 597, Suppl 100:9
 Johnsson L-G, 193, Suppl 91:74, Suppl 97:3
 Jørgensen MB, 131
 Jornsay D, 633
 Joy MLG, Suppl 95
 Karlan MS, 608, Suppl 100:10
 Kashima H, Suppl 99
 Keane WM, 584
 Kennedy DW, Suppl 92
 Kennedy, TL, 670
 Khan WN, 328
 Kileny P, 61
 Kimmelman CP, 339
 Kimura RS, 5
 Kinsey JH, 652
 Kirchner FR, 382
 Kishimoto S, 25
 Kitamura K, 5
 Kleinsasser O, 378
 Kodama A, Suppl 96
 Koegel L, Jr, 579
 Kohut RI, Suppl 100:9
 Konrad HR, 493
 Kopstein E, Suppl 92
 Kosugi T, 101
 Koufman JA, 372
 Kraus EM, 237
 Krause CJ, 395, Suppl 100:11
 Krueger LJ, 115
 Kumar A, 510
 Lawrence C, 633
 Lawson W, 448
 Le HT, 277
 Lechago J, 160
 Leipzig B, 94
 Lejeune FE, Jr, 392, 606
 LeTard F, 606
 Lewis DM, Suppl 93, part II
 Levine HL, 579
 Lim DJ, Suppl 93, parts I, II, Suppl 100:11
 Lindeman RC, 169
 Lindesmith GG, 622
 Lingeman RE, 458
 Linthicum FH Jr, Suppl 91:74, Suppl 97:3
 Liquori J, 633
 Liston SL, 98
 Lloyd GAS, 234
 Lo A, Suppl 95
 Lundberg C, 76
 Maeda S, Suppl 94
 Mafee MF, 510, 571
 Maisel RH, 98
 Malmgren LT, Suppl 100:15
 Mangham CA, Jr, 169
 Marice H, 606
 Markham CH, 185, 225
 Marshak G, 256
 Mathog RA, Suppl 100:19
 Martinez CR, Suppl 99
 Matsuo O, 101
 Mattox DE, Suppl 100:11
 Matulionis DH, Suppl 89
 Maves MD, 458
 McCabe BF, 1, 237, 350
 McDonald TJ, 359, 588
 McElveen JT, 526, 538
 McGee TJ, 304
 McGuirt WF, 599
 Merkle M, 501
 Mesolella C, 323
 Meyer BW, 622
 Mihara H, 101
 Millen SJ, 122
 Miller C, 526
 Miller D, 461
 Miller JM, 33, Suppl 100:17
 Miller LW, Suppl 91:55, 59
 Milmo G, 564
 Mogi G, Suppl 93, part II; Suppl 94
 Møller M, 597
 Montgomery WW, 65, 344
 Moon RE, Suppl 95
 Moor EE, 389
 Moore EJ, Suppl 100:15
 Morelli G, 323
 Mori S, 250
 Morris HL, 115
 Myers EN, 450
 Nadol J, Jr, 666
 Nager GT, Suppl 92, Suppl 97:33
 Naunton RF, Suppl 100:19
 Needleman SW, 145
 Neel HB, III, 359, 588
 Neely JC, Suppl 100:9
 Negri M, 543
 Nelson JR, Suppl 91:47
 Newton L, 633
 Niimi S, 119
 Nomura Y, 250
 Norton ML, 567
 Obiako MN, 325
 Ogawa A, 14, 136
 Oh M, Suppl 94
 Ohlsson K, 76, 268
 Ojemann RC, 543
 Olsen AM, 551
 Olson J, 501
 Ossoff RH, 608
 Panje WR, 53, Suppl 100:7
 Paparella MM, Suppl 100:10
 Pashley NRT, 204, 332
 Pfingst BE, Suppl 98
 Phelps PD, 234
 Polling Å, 268
 Popovich J, 595
 Potsic WP, 339, 628
 Proctor B, Suppl 97:33
 Proctor L, Suppl 100:7
 Pulec JL, 122
 Rapin I, Suppl 97:62
 Reardon EJ, 65
 Redianu C, 163
 Reed GF, 352
 Robinson E, 261
 Rodriguez WJ, 328
 Rohn D, 150
 Rothmann BF, 641
 Rouse RC, 193, Suppl 97:3
 Rowe LD, 584
 Rubel EW, Suppl 100:17
 Ruben RJ, 633, Suppl 97:62, Suppl 100:21
 Rubin W, 489
 Rubinstein A, 205
 Ryan AF, 70
 Sacks S, 448
 Sagerman RH, 94
 Sakurai T, 250
 Sandlin RE, 521
 Sando I, 14, 136, Suppl 96
 Santulli B, 323
 Sasaki CT, 670
 Saunders WH, 445
 Schaefer SD, 292, 399, 501
 Schiff M, 521
 Schild JA, 571
 Schley WS, 119
 Schuknecht HF, 5, Suppl 97:16
 Schuller DE, 403, Suppl 100:9
 Schwartz RH, 328
 Schwartz RM, 467
 Schut L, 339
 Seguin FW, 641
 Senturia BH, 2, 4, 126
 Sergeant R, 53
 Sessions RB, 142, 431
 Shanon E, 163
 Shapiro ED, 150
 Shapshay SM, 384, 648
 Shea JJ, 516
 Shelton VK, 363
 Shugar JMA, 246
 Shugar MA, 65
 Siegelman SS, Suppl 99
 Simmons FB, 266, Suppl 100:10
 Simpson GT, 384
 Singer MI, 576
 Skolnik EM, 363

- Smith LE, 266
 Smith MFW, 538
 Smith RJH, 142
 Snow JB, Jr, Suppl 100:21
 Snyderman NL, 597
 Sohmer H, 205
 Som PM, 246
 Sørensen CH, 131
 Spelman FA, Suppl 98
 Stearns MP, 370
 Stebbins WB, Suppl 100:19
 Stein R, 633
 Steinitz R, 261
 Steward DJ, 610
 Stone RT, 641
 Strome M, 485
 Strong MS, 384, 648
 Sulek M, 431
 Supance JS, 256
- Tegner H, 268
 Testa B, 323
 Thearle PB, 597
 Thielemeier MA, Suppl 91:27
 Thompson GE, 605
 Thompson JW, 417, 622
- Thomsen J, 240
 Tingwald FR, 330
 Torok N, 510
 Tos M, 240
 Tucker HM, 440
 Tsuchida M, 250
 Tucker GF, Jr, 413
 Tucker HM, 440, 579
 Tung M-S, 297
 Valvassori GE, 506, 571
 Van Horn HW, III, 392
 Vannieuwenhuyse E, 175
 Van Overbeek JJ, 602
 Vaughan CW, 384
 Ventruito V, 323
 Wagner CA, 330
 Wald ER, 150
 Walker EE, 389
 Walker LH, 641
 Ward PH, 493, 558, Suppl 100:11
 Watanabe N, Suppl 93, parts I, II
 Weber AL, 230, 344, 543, 666
 Weber K, 272
 Wehrs RE, 533
 Weichselbaum RR, 461
 Weinberg AG, 193
- Welsh JJ, 310, 659
 Welsh LW, 310, 659
 Wessberg CA, 292
 Wetmore RF, 628
 Wexler M, Suppl 91:55, 59
 Weymuller EA, Jr, 437, 670
 Wiederhold ML, Suppl 100:7
 Wilms D, 595
 Wilson WR, 344
 Windle-Taylor PC, 234
 Wolf G, Suppl 100:15
 Woo P, 615
 Wood BG, 579
 Work WP, Suppl 90
 Wright CG, 193
 Wright JW, Jr, 480
 Wright JW, III, 480
- Yanagisawa E, 354
 Yarrington CT, Jr, 605
 Yee RD, 493
- Zárate A, 220
 Zikk D, 163
 Zorick F, 595
 Zubick HH, 485
 Zulliger JJ, 403

SUBJECTS

- Abductor** vocal cord paralysis, congenital hereditary bilateral, 564
- Abscess**, periapical, in children, and intracranial complications of sinusitis, 41
- Acoustic reflex** latency, standardization of in humans and nonhuman primates, 169
- Adult sleep apnea**, brainstem evoked potentials in, 597
- Alexander's law**, model and study of, 316
- Allergies**; vocal quality, articulation and audiological characteristics in children and young adults with, 277
- Allografts**, ossicular replacement, lyophilized partial, 538
- American Board of Otolaryngology**: 1950-1979, Suppl 90
- Ampicillin**, use in treatment of pneumococcal otitis media (chinchilla model), 256
- Ampicillin-resistant *Hemophilus influenzae***, otitis media secondary to, 328
- Anesthetic gas scavenger**, use during open rigid bronchoscopy, 610
- Aneurysm**, intracavernous internal carotid artery (X-ray study of the month), 543
- Annals**, history of, 1892-1982, 2
- Anomalies**, congenital, and polytomography of ear, 480
- Antigen**, introduction into middle ear, humoral and cell-mediated immunity in peripheral blood, 70
- Antileukoprotease**, distribution in upper respiratory mucosa, 268
- Apnea**, adult sleep, brainstem evoked potentials in, 597
- Obstructive sleep**, anatomic abnormalities in, 595
- Argon laser** and stapedotomy, 25
- Artery**, labyrinthine, and eighth cranial nerve, inner ear pathology following injury to, 136
- Artificial larynx**, endotracheal, Suppl 95
- Artificial stapes**, hair-clip type piston, and safety auger, 297
- Atlantoaxial instability**, alert for endoscopists, 567
- Auditory brainstem evoked response**, accuracy with unknown hearing level, 266
- Auditory brainstem response** and effects of conductive hearing loss, 304
- Auditory brainstem responses**, indicators of hearing aid performance, 61
- Auditory canal**, internal, computed tomographic air-contrast scanning of, 501
- Auditory evoked potentials**, normal neonatal brainstem, 485
- Auditory nerve response**, latency in neonates one to eight hours old, 205
- Auditory prosthesis**, neural mechanisms relevant to design: location and electrical characteristics, Suppl 98
- Autosomal dominant inheritance**, presumed, and familial laryngeal abductor paralysis, 323
- Binocular counterrolling** during sustained body tilt, and unilateral vestibular nerve section, 225
- Biofeedback rehabilitation**, use in seventh nerve paralysis, 166
- Blom-Singer and Panje voice prostheses**, primary vocal rehabilitation using, 458
- Blood**, peripheral, humoral and cell-mediated immunity following introduction of antigen in middle ear, 70
- Blood vessels**, nasal, evidence for presynaptic parasympathetic receptors on, 216
- Bone cyst**, aneurysmal, of sphenoid in child, 339
- Bone labeling**, tetracycline, improved technique using incident fluorescence, 160
- Bone resorption** in human cholesteatomas, 131
- Bony auditory tube** and otitis media with effusion, 200
- Book Reviews**
- Barber HO, Stockwell CW, *Manual of electronystagmography*, 547
- Bess FH, McConnell FE, *Audiology, education and the hearing-impaired child*, 346
- Dayal, VS, *Clinical otolaryngology*, 233
- Desmedt JE, *Spinal and supraspinal mechanisms of voluntary motor control and locomotion*, 347
- Ellis RE, Flack FC, *Diagnosis and treatment of palatoglossal malfunction*, 548
- Fairbanks DNF, *Pocket guide to antimicrobial therapy in otolaryngology*, 547
- Fisch U, *Tympanoplasty and stapedectomy, a manual of techniques*, 467
- Greene MCL, *The voice and its disorders*, 346
- Haughton PM, *Physical principles of audiology*, 548
- Hill B, *Verbal dyspraxia in clinical practice*, 347

- Lasjaunias PL, Berenstein A, *Craniofacial and upper cervical arteries: functional, clinical & angiographic aspects*, 547
- Lehmann W, Pidoux J-M, Widmann J-J, *Larynx: Microlaryngoscopy and Histopathology*, 670.
- Lesavoy MA, *Reconstruction of the head and neck*, 347
- McGuirt WF, *Pediatric otology case studies*, 548
- Pindborg JJ, *Oral cancer and precancer*, 546
- Proctor DF, *Breathing, speech, and song*, 347
- Ramwell P, *Prostaglandin synthetase inhibitors: new clinical applications*, 346
- Smythe GDL, *Chronic ear diseases*, 467
- Snow JB, Jr, *Controversy in otolaryngology*, 233
- Stevens KN, Hirano M, *Vocal fold physiology*, 547
- Studebaker GA, Hochberg I, *Acoustic factors affecting hearing aid performance*, 546
- Suen JY, Myers E, *Cancer of the head and neck*, 548
- Van den Brink C, Bilsen FA, *Psychophysical, physiological and behavioural studies in hearing*, 233
- Brainstem auditory evoked potentials, normal neonatal, 485
- Brainstem dysfunction, cortical, subcortical and, in dyslexic children, 310
- Brainstem evoked potentials in adult sleep apnea, 597
- Brainstem responses, auditory, as indicators of hearing aid performance, 61
- Bronchoscopic lavage, limited, adjunct to therapy for cystic fibrosis patients, 641
- Bronchoscopy, fluorescence, new techniques and results, 57
- Open rigid, anesthetic gas scavenger for use during, 610
- Canal, facial, anatomy; variations and anomalies of, Suppl 97:33
- Cancer, metastatic head and neck, basic principles of chemotherapy in treatment of, 145
- Cancer of head and neck, chemical modulation of hypoxic fraction in treatment of, 461
- Cancer of tracheobronchial tree, hematoporphyrin-derivative phototherapy for local treatment of, 652
- Capsular otosclerosis with hydrops, cochlear and otoconial abnormalities in, Suppl 97:3
- Carbon dioxide laser, heat sink protection against laser endotracheal cuffs, 606
- Incendiary characteristics of endotracheal tubes with (supplemental report), 605
- Carbon dioxide laser and podophyllum in treatment of laryngeal papilloma, 425
- Carbon dioxide laser surgery, universal endoscopic coupler for, 608
- Carcinoma, anterior tongue, 94
- Head and neck, in patients under 40 years old, 152
- Laryngeal, in Israel (1960-1976), occurrence of primary additional neoplasms in patients with, 261
- Squamous cell, of human parotid gland, collagenase activity in, 156
- Thyroid, laryngotracheal invasion by, 363
- Carcinomas, middle ear, bilateral, and Waldenström's macroglobulinemia, 299
- Carotid artery, intracavernous internal aneurysms of (X-ray study of the month), 543
- Catheter, Foley, use for removal of esophageal foreign bodies, 599
- Caustic ingestion, pediatric, 656
- Chemotherapy, basic principles of treatment of metastatic head and neck cancer, 145
- Cholesteatomas, human, bone resorption in, 131
- Chondrosarcoma of larynx, diagnosis and conservative surgical management of, 392
- Excision of massive recurrence of, 392
- Cilia, nonbeating, scanning electron microscopic examination of, 612
- Circulation, hindbrain, evaluation by dynamic computed tomography, 506
- Cochlea (guinea pig), acute morphological changes following electrical stimulation, 33
- Cochlear abnormalities, otoconial abnormalities, and in capsular otosclerosis in hydrops, Suppl 97:3
- Cochlear aqueduct, functional patency of, 209
- Cochlear hydrops, collapsed saccule and ductus reuniens, 5
- Cochlear implants. See Implants, cochlear
- Cochlear prosthesis, tissue impedance and current flow in implanted ear, Suppl 98
- Cochleovestibular lesions and typhoid fever, 220
- Collagenase activity in squamous cell carcinoma of human parotid gland, 156
- Computed tomography, dynamic, evaluation of hindbrain circulation by, 506
- Computed tomography of neck, Suppl 99
- Computerized tomography, laryngeal malignancies and, correlation of tomographic and histopathologic findings, 571
- Congenital palatal incompetence, indications before diagnosis, 115
- Cortical dysfunction, subcortical, brainstem and, in dyslexic children, 310
- Cranial nerve, eighth, and labyrinthine artery, inner ear pathology following injury to, 136
- Cricothyroidotomy, antedecent endotracheal intubation and, 437
- Croup and epiglottitis, assessment of intubation in, 403
- Cryoglobulinemia, deafness in, 250
- Cryoprobe for palliative care, 204
- Crypts, tonsillar, microcrypt extensions of, Suppl 94
- Cuffs, endotracheal, heat sink protection against laser, 606
- Cyst, aneurysmal bone, of sphenoid in child, 339
- Cystic fibrosis patients, bronchoscopic limited lavage as adjunct to therapy for, 641
- Cysticercosis cerebri, neurologic implications of, 122
- Cysts, foregut, diagnosis and management in infants and children, 622
- Deafness**, sudden, resulting from infection by *Mycoplasma pneumoniae*, 163
- Deafness in cryoglobulinemia, 250
- Deglutition, successful, following supraglottic laryngeal surgery, factors in 579
- Deltpectoral flap, and combined pectoralis major myocutaneous flap for closure of large pharyngocutaneous fistulas, 98
- Diseases, midfacial necrotizing (Pathology consultation), 541
- Ductus reuniens, collapsed saccule and cochlear hydrops, 5
- Dyslexic children, cortical, subcortical, and brainstem dysfunction in, 310
- Dysplasia, fibrous, review and manifestations in temporal bone, Suppl 92
- Otoconial membrane, vaterite otoconia in, 193
- Ear**, inner, experimental viral infections (in hamster) and viremic spread of reovirus to eighth nerve ganglion cells, 90
- Middle, bilateral carcinomas of, Waldenström's macroglobulinemia, 299
- Middle, cavity, comparative anatomy of eustachian tube for otitis media (animal models), 82
- Middle, electrical stimulation for activating central auditory pathways, 285
- Middle, findings and tympanic configurations in otitis media, 20
- Middle, sound transmission, effect of mastoid cavity modification on, 526
- Polytomography and congenital anomalies of, 480
- Recruiting, 521
- Editorial, 4
- Effusions, middle ear, granulocyte proteases in, 76
- Electrical stimulation of middle ear for activating central auditory pathways, 285
- Electroencephalic response components to clicks, early- and middle-AER, indices for neonatal hearing screening, 272
- Electron microscope, scanning, in examination of nonbeating cilia, 612

- Endolymphatic sac and vestibular aqueduct, postnatal development of, Suppl 96
- Endolymphatic sac (rugose portion) and vestibular aqueduct in human temporal bones, dimensional anatomy and statistical analysis of, Suppl 96
- Endoscopic coupler, universal, for carbon dioxide laser surgery, 608
- Endotracheal artificial larynx, Suppl 95
- Endotracheal cuffs, heat sink protection against lasering, 606
- Endotracheal intubation, antecedent, and cricothyroidotomy, 437
- Endotracheal tubes, incendiary characteristics with carbon dioxide laser (supplemental report), 605
- Epiglottitis and croup, assessment of intubation in, 403
- Epithelium, olfactory (in mouse), degeneration and regeneration of, Suppl 89
- Epithelium of monkey larynx, age-related changes in, 370
- Esophageal obstruction, simple endoscopic intubation technique in, 602
- Esophageal speech, predicting, 454
- Esophagology, update on, 551
- Eustachian tube, middle ear cavity and comparative anatomy for otitis media (animal models), 82
- Normal function of, comparison in rhesus monkey and man, 179
- Evoked potentials, brainstem, in adult sleep apnea, 597
- Normal neonatal brainstem auditory, 485
- Evoked response, auditory brainstem, and unknown hearing level, 266
- Extraskelatal mandibular fixation, monophasic, head and neck surgery and, 292
- Facial canal, anatomy, variations, anomalies, Suppl 97:33
- Spatial occupancy of vessel and facial nerve, 14
- Familial laryngeal abductor paralysis, presumed autosomal dominant inheritance, 323
- Fever, typhoid, and cochleovestibular lesions, 220
- Fibrous dysplasia, review and manifestations of disease in temporal bone, Suppl 92
- Fistula, pharyngocutaneous, large, pectoralis major myocutaneous flap with medially based deltopectoral flap for closure of, 98
- Simultaneous round and oval window, in child, 332
- Tracheoesophageal, complication of foreign body, 325
- Flap, deltopectoral, and combined pectoralis major myocutaneous flap for closure of large pharyngocutaneous fistulas, 98
- Pectoralis major myocutaneous, combined, and deltopectoral flap for closure of large pharyngocutaneous fistulas, 98
- Foley catheter, use for removal of esophageal foreign bodies, 599
- Foregut cysts, diagnosis and management in infants and children, 622
- Foreign bodies, esophageal, use of Foley catheter in removal of, 599
- Fossa, infratemporal, approach for glomus tumors of temporal bone, 474
- Fossa lesions, posterior, anatomic specificity of central vestibular signs in, 510
- Ganglion, eighth nerve, and viremic spread of reovirus in experimental viral infections of inner ear (hamster), 90
- Giant apical air cell syndrome, 237
- Glottic incompetence, posterior, correction following horizontal partial laryngectomy, 448
- Granulomatosis, Wegener's, appearing initially in trachea, 593
- Of subglottis and upper portion of trachea, 588
- Hair-clip type piston artificial stapes and safety auger, 297
- Harmonic acceleration tests, computerized, vestibular subjective sensation and nystagmus responses during, 493
- Harmonic acceleration tests as measure of vestibular compensation, 489
- Hearing, preservation and acoustic neuroma surgery, 240
- Hearing loss, conductive, effects on auditory brainstem response, 304
- Hearing screening, neonatal, early- and middle-AER components to clicks as response indices in, 272
- Hematoporphyrin-derivative phototherapy for local treatment of cancer of tracheobronchial tree, 652
- Hemophilus influenzae*, ampicillin-resistant, secondary to otitis media, 328
- History, *Annals*, 1892-1982, 2
- Home care of pediatric tracheotomy patient, 633
- Homograft tympanic membrane after 12 years, 533
- Hypertelorism in nasal and paranasal sinus polyposis (X-ray study of the month), 344
- Hypoxic fraction, chemical modulation in treatment of head and neck cancer, 461
- Idiopathic** vocal cord paralysis, so-called, observations on, 558
- Implants, cochlear, progress and perspectives, Suppl 91
- Audiological results, 27
- Bilateral; otopathological findings, 74
- Cochlear nucleus stimulation in humans, 117
- Comparison in promontory and cochlear implants in single subject, 100
- Initial experience with children, 67
- Multiple-electrode, 104
- Overview, 11
- Psychoelectric measurements and results from patients, 35
- Psychological effects: patient and "index relative" perceptions, 59
- Psychometric studies and clinical interviews, 55
- Risks and benefits of, 90
- Single electrode; design and functioning of units, 21
- Effects on vestibular system of profoundly deaf, 47
- Vowel discrimination, 41
- Surgical considerations, 15
- Use by prelingually deaf, 62
- Incident fluorescence, use in tetracycline bone labeling, 160
- Infant tracheotomy, 413
- Ingestion, pediatric caustic, 656
- Instability, atlantoaxial, alert for endoscopists, 567
- Interferon, leukocyte, and juvenile laryngeal papillomatosis, 431
- Internal auditory canal, computed tomographic air-contrast scanning of, 501
- Intubation, antecedent endotracheal, and cricothyroidotomy, 437
- Assessment in croup and epiglottitis, 403
- Complications of, 584
- Intubation technique, simple endoscopic, in esophageal obstruction, 602
- Invasion, laryngotracheal, by thyroid carcinoma, 363
- Labyrinthectomy**, behavior of vestibular nerve following, Suppl 97:16
- Labyrinthine artery and eighth cranial nerve, inner ear pathology following injury to, 136
- Language development, speech development and, in parent-infant total communication program, Suppl 97:62
- Laryngeal papilloma, treatment with carbon dioxide laser and podophyllum, 425
- Laryngeal papillomatosis, juvenile, and leukocyte interferon, 431
- Laryngeal paralysis, endoscopic rehabilitation of airway in, 382
- Laryngeal paralysis in children, 417
- Laryngeal sarcoidosis, 359
- Laryngeal stenosis and tracheal stenosis, endoscopic management and predictive factors of success or failure, 384
- Laryngeal surgery, supraglottic, factors in successful deglutition following, 579
- Laryngeal trauma, primary management of, 399
- Laryngectomy, horizontal partial, correction of posterior glottic incompetence following, 448
- Total, tracheostomal stenosis following, 450

- Laryngoscope, operating, dynamics of Venturi jet ventilation through, 615
- Larynx, age-related changes in epithelium of monkeys, 370
- Chondrosarcoma of, diagnosis and conservative surgical management of, 389
 - Excision of massive recurrence in, 392
 - Endoscopic rehabilitation of airway in laryngeal paralysis, 382
 - Endotracheal artificial, Suppl 95
 - Intrinsic malignant schwannoma of, 336
 - Nerve-muscle pedicle reinnervation of, 440
 - Office telescopic photography of, 354
- Laser, argon, and stapledotomy, 25
- Carbon dioxide, heat sink protection against lasering endotracheal cuffs, 606
 - Incendiary characteristics of endotracheal tubes with (supplemental report), 605
 - Surgery, universal endoscopic coupler for, 608
- Latency, acoustic reflex, standardization in humans and non-human primates, 169
- Lavage, bronchoscopic limited, adjunct to therapy for cystic fibrosis patients 641
- Lesions, cochleovestibular, and typhoid fever, 220
- Posterior fossa, anatomic specificity of central vestibular signs in, 510
- Letters to the Editor, 234, 467, 670
- Leukocyte interferon, juvenile laryngeal papillomatosis with, 431
- Levodopa-treated Parkinson's disease, vocal symptoms in, 119
- Macroglobulinemia, Waldenström's, and bilateral middle ear carcinomas, 299
- Malignancies, extrathoracic, mediastinoscopy for, 659
- Laryngeal, and computerized tomography, correlation of tomographic and histopathologic findings, 571
 - Metastatic distant, tracheobronchial obstruction from, 648
- Malleus handle probe, middle ear and, 281
- Mandibular fixation, monophasic extraskeletal, head and neck surgery and, 292
- Mastoid cavity, effect of modification on middle ear sound transmission, 526
- Mediastinoscopy, use in extrathoracic malignancies, 659
- Membrane, otoconial, dysplasia and vaterite otoconia in, 193
- Middle ear, electrical stimulation for activating central auditory pathways, 285
- Findings and tympanic configurations in otitis media, 20
 - Humoral and cell-mediated immunity in peripheral blood following introduction of antigen, 70
- Middle ear carcinomas, bilateral, and Waldenström's macroglobulinemia, 299
- Middle ear cavity, comparative anatomy of eustachian tube for otitis media (animal models), 82
- Middle ear muscle: tinnitus, conditioned, 330
- Middle ear sound transmission, effect of mastoid cavity modification on, 526
- Mixed tumor, malignant (Pathology consultation), 342
- Mucormycosis, temporal bone, 27
- Mucosa, upper respiratory, distribution of antileukoprotease in, 268
- Mucous membrane, paranasal, characteristics of tissue plasminogen activator in chronic sinusitis, 101
- Mycoplasma pneumoniae*, infection and sudden deafness resulting from, 163
- Myocutaneous flap, free, and revascularization of skin using myovascular pedicle (animal model), 53
- Pectoralis major, and deltopectoral flap for closure of large pharyngocutaneous fistulas, 98
- Myovascular pedicle, and revascularization of skin using animal model, 53
- Nasal cycle, postural variations in nasal resistance and, 112
- Nasal resistance, nasal cycle and postural variations in, 112
- Nasal turbinates, inferior, surgery of, 445
- Nasopharynx, rhabdomyosarcoma of (X-ray study of the month), 230
- Neck, computed tomography of, Suppl 99
- Neonates one to eight hours old, latency of auditory nerve response in, 205
- Neoplasms, additional primary, occurrence in patients with laryngeal carcinoma in Israel (1960-1976), 261
- Salivary gland, metastatic patterns of, 465
- Nerve, auditory, latency of response in neonates one to eight hours old, 205
- Eighth cranial, and labyrinthine artery, inner ear pathology following injury to, 136
 - Facial, and spatial occupancy of vessels in facial canal, 14
- Nerve-muscle pedicle reinnervation of larynx, 440
- Nerve section, unilateral vestibular, and binocular counter-rolling during sustained body tilt, 225
- Neurectomy, singular, update, 469
- Neuroma, acoustic, surgery and preservation of hearing, 240
- Nonbeating cilia, scanning electron microscopic examination of, 612
- Nystagmus responses and vestibular subjective sensation during computerized harmonic acceleration tests, 493
- Obituary**, French K. Hansel, 232
- Samuel Rosen, 126
 - Ben H. Senturia, 351
- Obstruction, esophageal, simple endoscopic intubation technique in, 602
- Tracheobronchial, from metastatic distant malignancies, 648
- Obstructive sleep apnea, anatomic abnormalities in, 595
- Olfactory epithelium (in mouse), degeneration and regeneration of, Suppl. 89
- Open rigid bronchoscopy, anesthetic gas scavenger for use during, 610
- Operating laryngoscope, dynamics of Venturi jet ventilation through, 615
- Ossicular replacement allografts, lyophilized partial, 538
- Otitis media, comparative anatomy of eustachian tube and middle ear cavity (animal models), 82
- Experimental, tympanic configurations and middle ear findings, 20
 - Experimental (in chinchillas), Suppl 93: baseline immunological investigation, part 1; middle ear immune response to *S. Pneumoniae* types 3 and 23, part 2
 - Pneumococcal, ampicillin in treatment (chinchilla model), 256
 - Secondary to ampicillin-resistant *Hemophilus influenzae*, 328
- Otitis media with effusion and bony auditory tube, 200
- Otoconial abnormalities, cochlear abnormalities and, in capsular otosclerosis with hydrops, Suppl 97:3
- Otoconial membrane dysplasia, vaterite otoconia in, 193
- Otolaryngology, American Board of, 1950-1979, Suppl 90
- First National Conference on Research Goals and Methods in, Suppl 100
- Otolaryngology-head and neck surgery, dilemma of subcertification in, 352
- Otosclerosis, capsular, with hydrops, cochlear and otoconial abnormalities in, Suppl 97:3
- Oval window fistula and round fistula, simultaneous, in child, 332
- Oxatomide, use in treatment of chronic allergic rhinitis, 175
- Palatal incompetence**, congenital indications before diagnosis, 115
- Palliative care, use of inexpensive effective cryoprobe for, 204
- Panje and Blom-Singer voice prostheses, primary vocal rehabilitation using, 458
- Papilloma, laryngeal, treatment with carbon dioxide laser and podophyllum, 425

- Papillomatosis, juvenile laryngeal, leukocyte interferon use in, 431
- Paralysis, abductor vocal cord, congenital hereditary bilateral, 564
- Familial laryngeal abductor, and presumed autosomal dominant inheritance, 323
 - Laryngeal, endoscopic rehabilitation of airway in, 382
 - In children, 417
 - Seventh nerve, biofeedback rehabilitation in, 166
 - Vocal cord, observations on so-called idiopathic, 558
- Parkinson's disease, vocal symptoms in levodopa-treated, 119
- Parotid gland, human, collagenase activity in squamous cell carcinoma of, 156
- Patency, functional, and cochlear aqueduct, 209
- Pathology consultation: malignant mixed tumor, 342
- Metastatic patterns of salivary gland neoplasms, 465
 - Midfacial necrotizing diseases, 541
- Pediatric tracheostomy, 628
- Pedicle, myovascular, and revascularization of skin (animal model), 53
- Nerve-muscle, reinnervation in larynx, 440
- Pemphigoid, benign mucous membrane, 142
- Periapical abscess, and intracranial complications of sinusitis in children, 41
- Peripheral blood, humoral and cell-mediated immunity following introduction of antigen into middle ear, 70
- Photography, telescopic, of larynx in office, 354
- Phototherapy, hematoporphyrin-derivative, for treatment of cancer of tracheobronchial tree, 652
- Podophyllum and carbon dioxide laser, treatment of laryngeal papilloma with, 425
- Polyposis, nasal and paranasal sinus, hypertelorism in (X-ray study of the month), 344
- Polyps, vocal cord, pathogenesis of, 378
- Polytomography, and congenital anomalies of ear, 480
- Probe, malleus handle, middle ear and, 281
- Propylhexedrine, nasal decongestant effect of, 106
- Prosthesis, auditory, neural mechanisms relevant to design: location and electrical characteristics, Suppl 98
- Cochlear, tissue impedance and current flow in implanted ear, Suppl 98
- Proteases, granulocyte, and middle ear effusions, 76
- Pterygomaxillary tumors, extended transantral approach to, 395
- Receptors**, presynaptic parasympathetic, evidence on nasal blood vessels, 216
- Reovirus, viremic spread (in hamster) to eighth nerve ganglion cells and experimental viral infections in middle ear, 90
- Research goals and methods in otolaryngology, first national conference on, Suppl 100
- Resorption, bone, in human cholesteatomas, 131
- Respiratory rehabilitation with transtracheal oxygen system, 643
- Rhabdomyosarcoma of nasopharynx (X-ray study of the month), 230
- Rhinitis, chronic allergic, oxatomide in treatment of, 175
- Round fistula and oval window fistula, simultaneous, in child, 332
- Saccule, collapsed, ductus reuniens and cochlear hydrops, 5
- Salivary gland neoplasms, metastatic patterns of, 465
- Sarcoidosis, laryngeal, 359
- Schwannoma of larynx, intrinsic malignant, 336
- Schwannomas, paranasal sinus, management of, 65
- Semicircular canal structure, postnatal development in cat and guinea pig, 185
- Senturia, Ben H. Dedication, 1; In Memoriam, 349; Tribute, 350
- Seventh nerve paralysis, use of biofeedback rehabilitation in, 166
- Sleep apnea, adult, brainstem evoked potentials in, 597
- Obstructive, anatomic abnormalities in, 595
- Sinus, maxillary, bacteriology in rhesus monkeys, 150
- Paranasal, schwannomas of, 65
- Sinusitis, chronic and tissue plasminogen activator from paranasal mucous membrane, 101
- Intracranial complications in children with periapical abscess, 41
- Speech and language development in parent-infant total communication program, Suppl 97:62
- Sphenoid, aneurysmal bone cyst of, in child, 339
- Squamous cell carcinoma of human parotid gland, collagenase activity in, 156
- Squirrel monkey, vestibular ganglion of, 44
- Stapedectomy, long-term report, 516
- Stapedotomy, argon laser, 25
- Stapes, artificial, hair-clip type piston and safety auger, 297
- Stenosis, laryngeal and tracheal, success or failure in endoscopic management of, 384
- Severe subglottic, treatment without tracheotomy, 407
 - Tracheostomal, following total laryngectomy, 450
- Subcertification in otolaryngology-head and neck surgery, 352
- Subcortical dysfunction, and brainstem and cortical dysfunction, in dyslexic children, 310
- Subglottic stenosis, severe, treatment without tracheotomy, 407
- Subglottis and upper portion of trachea, Wegener's granulomatosis of, 588
- Supraglottic laryngeal surgery, factors in successful deglutition following, 579
- Syndrome, giant apical air cell, 237
- Telescopic photography of larynx in office**, 354
- Temporal bone, infratemporal fossa approach for glomus tumors of, 474
- Mucormycosis, 27
 - Review and manifestations of fibrous dysplasia in, Suppl 92
- Tetracycline bone labeling using incident fluorescence, 160
- Thyroid carcinoma, laryngotracheal invasion by, 363
- Tinnitus, conditioned middle ear muscle, 330
- Tissue plasminogen activator and paranasal mucous membrane, characteristics in chronic sinusitis, 101
- Tomography, computed, air-contrast scanning of internal auditory canal, 501
- Computed, of neck, Suppl 99
 - Computerized, laryngeal malignancies and, correlation of tomographic and histopathologic findings, 571
 - Dynamic computed, evaluation of hindbrain circulation by, 506
- Tongue, anterior, carcinoma of, 94
- Tonsillar crypts, microcrypt extensions of, Suppl 94
- Total communication program, parent-infant, speech and language development in, Suppl 97:62
- Trachea, upper portion, and subglottis, Wegener's granulomatosis of, 588
- Wegener's granulomatosis appearing initially in, 593
- Tracheal and laryngeal stenosis, endoscopic management and predictive factors of success or failure in, 384
- Tracheobronchial obstruction from metastatic distant malignancies, 648
- Tracheobronchial tree, cancer of, hematoporphyrin-derivative phototherapy for local treatment, 652
- Tracheoesophageal fistula, a complication of foreign body, 325
- Tracheostoma valve, postlaryngectomy voice rehabilitation with, 576
- Tracheostomal stenosis following total laryngectomy, 450
- Tracheostomy, pediatric, experience during past decade, 628
- Tracheotomy, infant, 413
- Treatment of severe subglottic stenosis without, 407
- Tracheotomy patient, pediatric, home care of, 633
- Transtracheal oxygen system, respiratory rehabilitation with, 643
- Trauma, laryngeal, primary management of, 399
- Tumor, malignant mixed (Pathology consultation), 342
- Warthin's, 246

- Tumors, glomus, of temporal bone, infratemporal fossa approach for, 474
 Pterygomaxillary, extended transantral approach to, 395
 Turbinates, inferior nasal, surgery of, 445
 Typhoid fever and cochleovestibular lesions, 220
 Valve, tracheostoma, for postlaryngectomy voice rehabilitation, 576
 Vaterite otoconia in otoconial membrane dysplasia, 193
 Ventilation, Venturi jet, dynamics through operating laryngoscope, 615
 Venturi jet ventilation, dynamics through operating laryngoscope, 615
 Vestibular aqueduct and endolymphatic sac, postnatal development of, Suppl 96
 Vestibular aqueduct and endolymphatic sac (rugose portion) in human temporal bones, dimensional anatomy and statistical analysis of, Suppl 96
 Vestibular compensation, harmonic acceleration tests as measure of, 489
 Vestibular ganglion in squirrel monkey, 44
 Vestibular nerve, behavior following labyrinthectomy, Suppl 97:16
 Vestibular nerve section, unilateral, and binocular counter-rolling during sustained body tilt, 225
 Vestibular signs, central, anatomic specificity in posterior fossa lesions, 510
 Vestibular subjective sensation and nystagmus responses during computerized harmonic acceleration tests, 493
 Vocal cord paralysis, congenital hereditary bilateral abductor, 564
 So-called idiopathic, observations on, 558
 Vocal cord polyps, pathogenesis of, 378
 Vocal rehabilitation, primary, use of Blom-Singer and Panje voice prostheses in, 458
 Voice disorders, functional, classification and approach to patients with, 372
 Voice rehabilitation, postlaryngectomy, tracheostoma valve for, 576
 Waldenström's macroglobulinemia and bilateral middle ear carcinomas, 299
 Warthin's tumor, 246
 Wegener's granulomatosis appearing initially in trachea, 593
 Wegener's granulomatosis of subglottis and upper portion of trachea, 588
 X-ray study of the month: hypertelorism in nasal and paranasal sinus polyposis, 344
 Intracavernous internal carotid artery aneurysm, 543
 Rhabdomyosarcoma of nasopharynx, 230

